FIG. 1

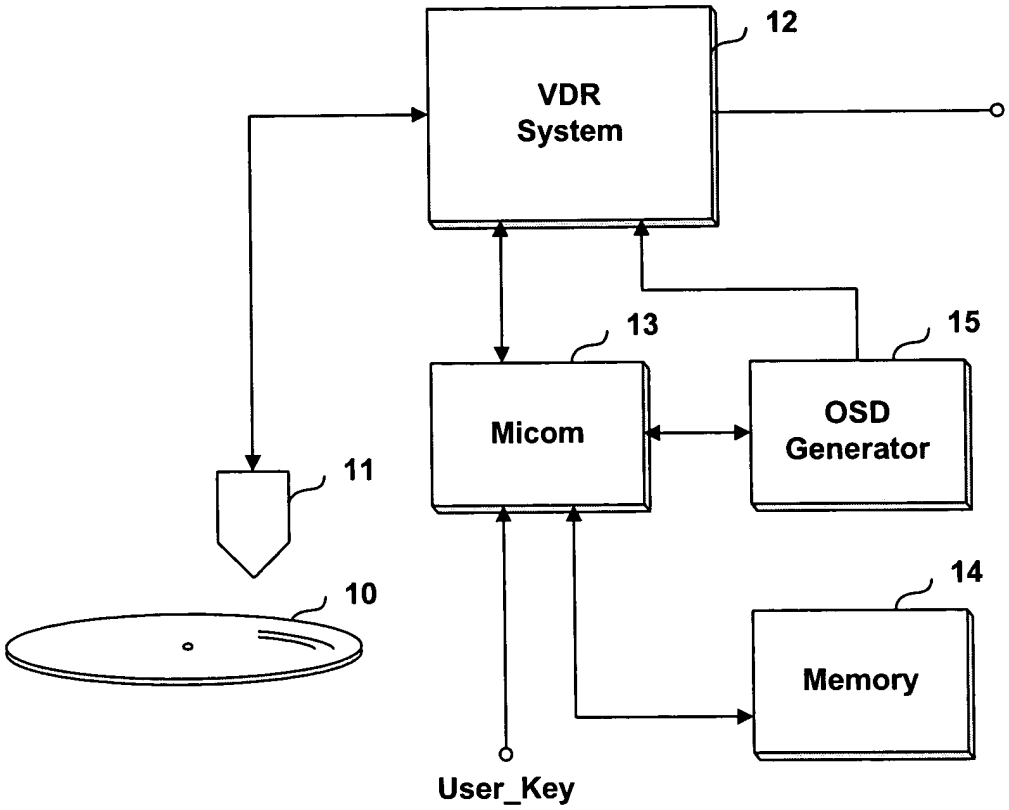

12
VDR
System
13
15
Micom
OSD
Generator
11
10
14
Memory
User_Key

FIG. 2

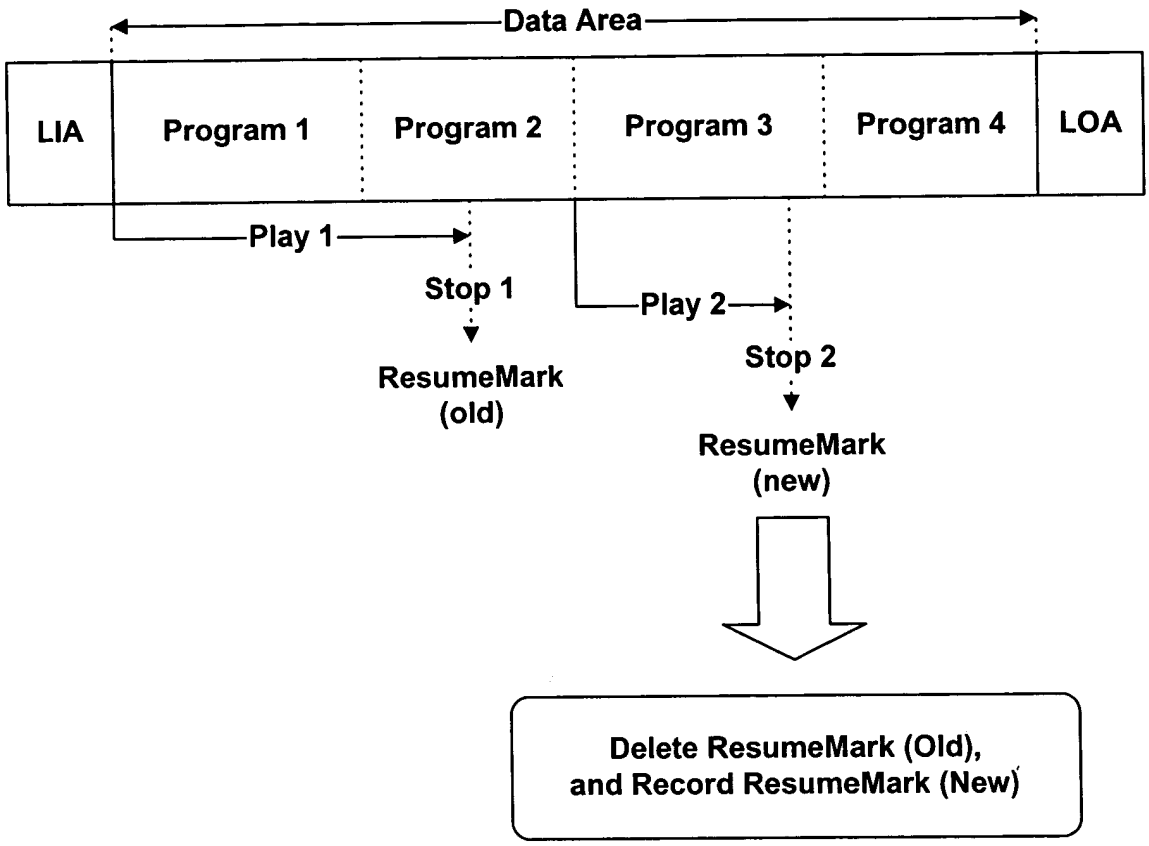

Data Area
LIA
Program 1
Program 2
Program 3
Program 4
LOA
Play 1
Stop 1
ResumeMark
(old)
Play 2
Stop 2
ResumeMark
(new)
Delete ResumeMark (Old),
and Record ResumeMark (New)

FIG. 3

ResumeMark - Syntax

```
ResumeMark () {
        Length
        number_of_ResumeMarks
        for (i=0; i<number_of_ResumeMarks; i++) {
                mark_type
                mark_time_stamp
                ref_to_Program_id
                        :
        }
}
```

FIG. 4

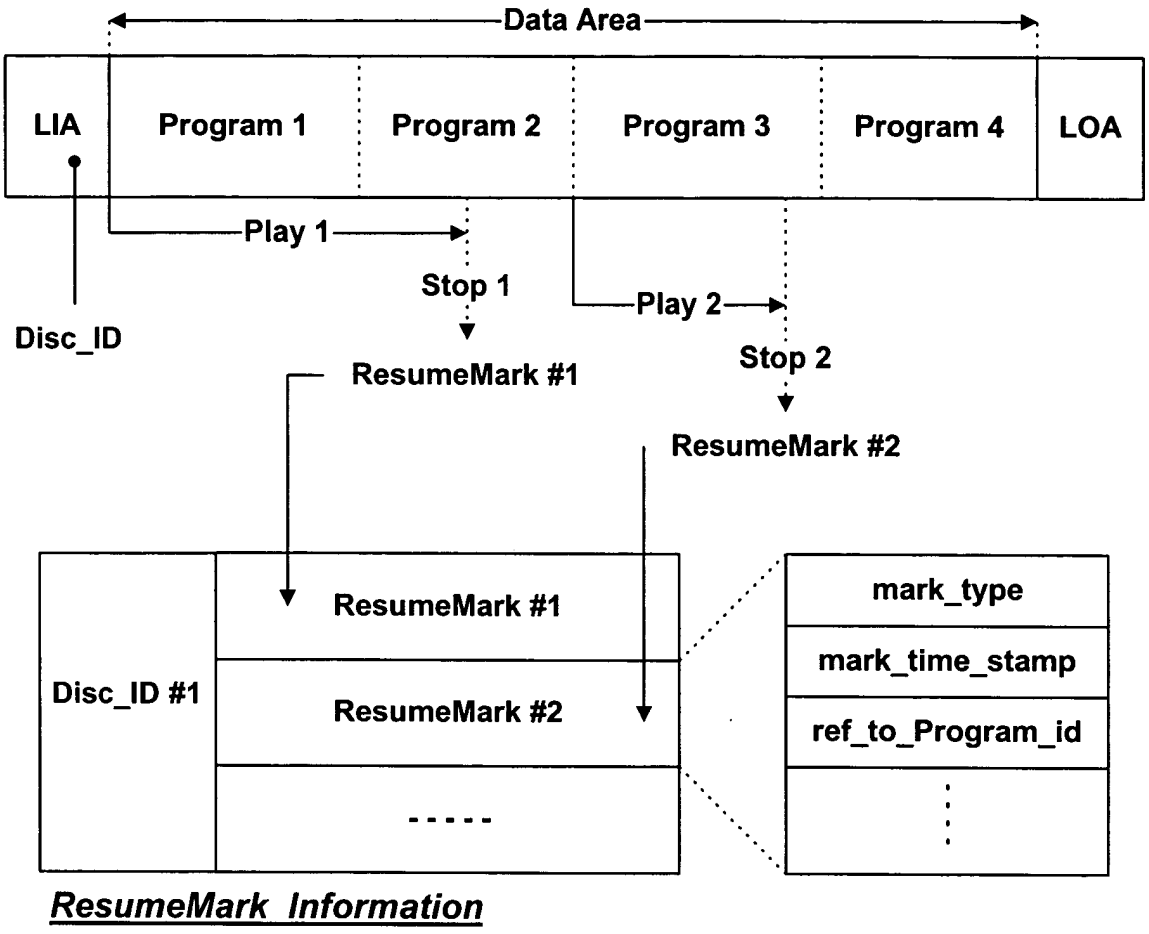

Data Area
LIA
Program 1
Program 2
Program 3
Program 4
LOA
Play 1
Stop 1
Play 2
Stop 2
Disc_ID
ResumeMark #1
ResumeMark #2
Disc_ID #1
ResumeMark #1
ResumeMark #2
- - - - -
mark_type
mark_time_stamp
ref_to_Program_id
ResumeMark Information

FIG. 5

ResumeMark Information

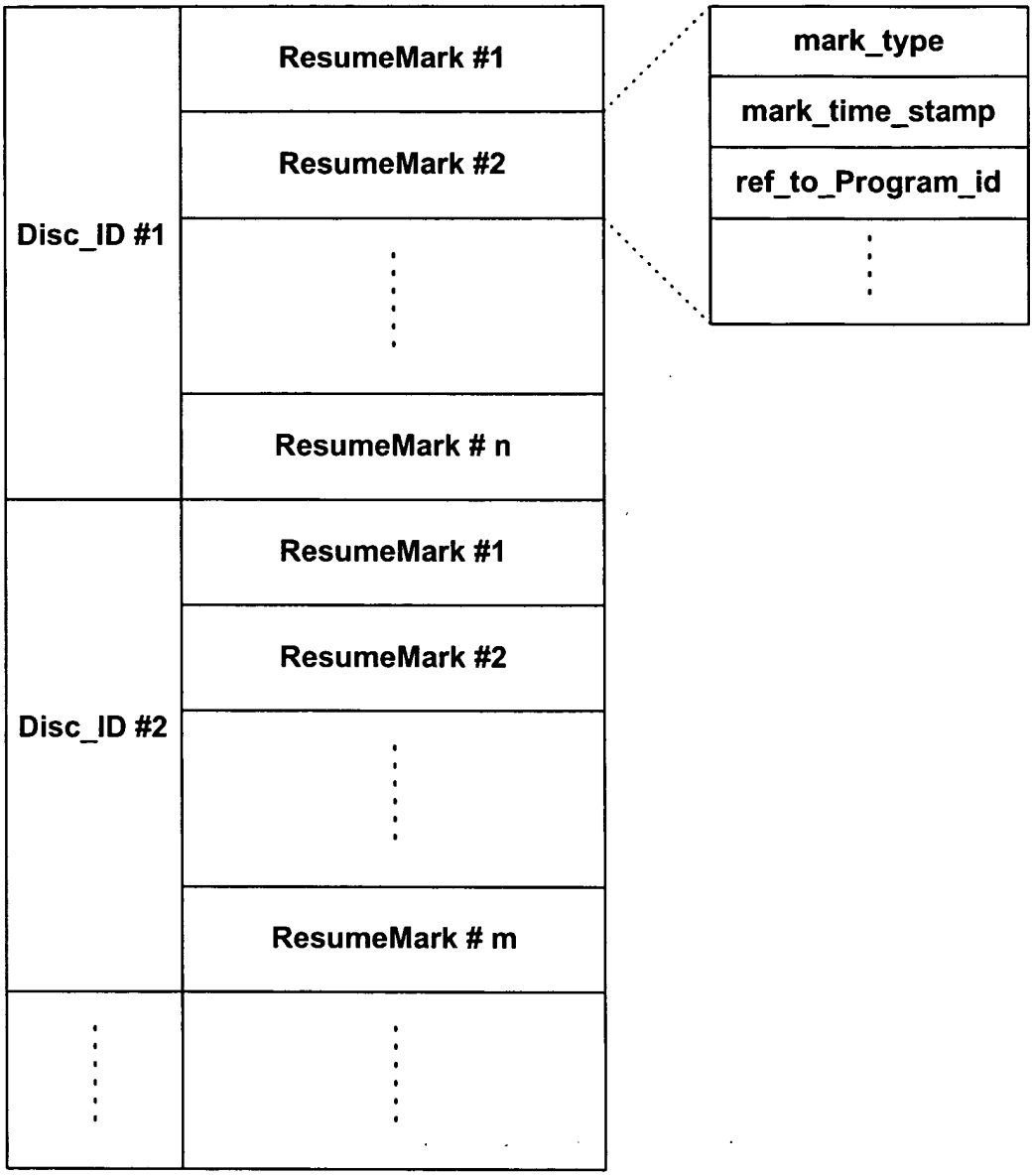


FIG. 6

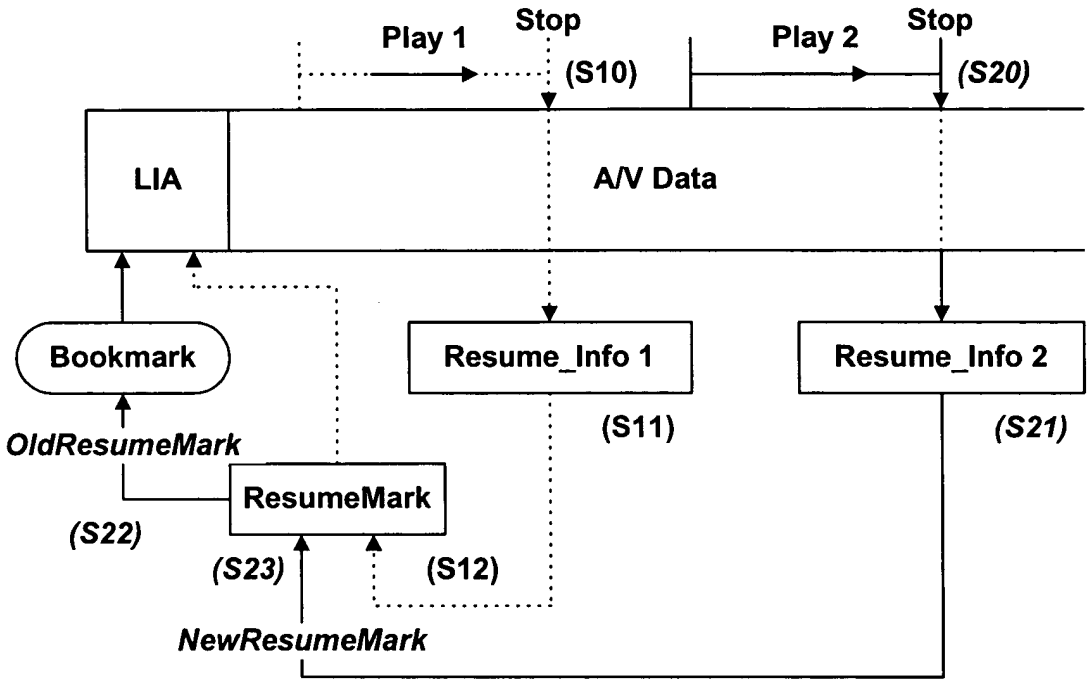
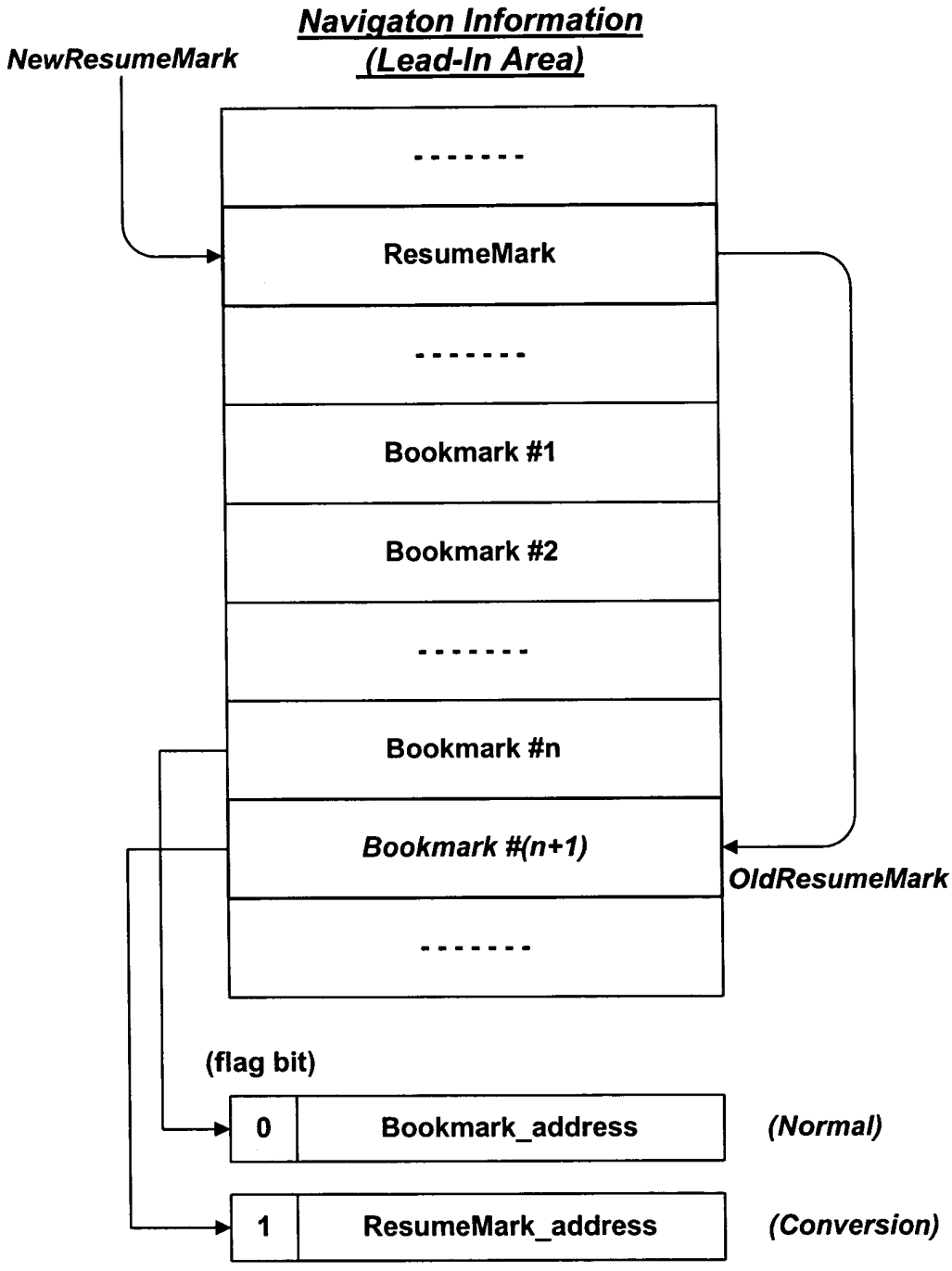

Play 1
Stop
(S10)
Play 2
Stop
(S20)
LIA
A/V Data
Bookmark
Resume_Info 1
Resume_Info 2
(S11)
(S21)
OldResumeMark
ResumeMark
(S22)
(S23)
(S12)
NewResumeMark

FIG. 7


Navigaton Information
(Lead-In Area)
NewResumeMark
ResumeMark
Bookmark #1
Bookmark #2
Bookmark #n
Bookmark #(n+1)
OldResumeMark
(flag bit)
0
Bookmark_address
(Normal)
1
ResumeMark_address
(Conversion)